

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Withdrawn) A service providing method, comprising the steps of:

obtaining location information for a mobile terminal sent by the mobile terminal; and

providing a service dependent on the location information to the mobile terminal in response to a service request sent by the mobile terminal.
2. (Withdrawn) The service providing method according to claim 1,

wherein the service is provided in the area neighboring the location of the mobile terminal.
3. (Withdrawn) The service providing method according to claim 2,

further comprising the steps of:

obtaining a moving speed of the mobile terminal with the location information,

wherein the size of the area corresponds to the moving speed of the mobile terminal.
4. (Withdrawn) The service providing method according to claim 1,

further comprising the step of:

providing the location information to the mobile terminal in response to a location information request sent by the mobile terminal before the step of obtaining the location information.

5. (Currently Amended) A service providing system, comprising:

a service provider configured to provide a service dependent on location information of a mobile terminal to the mobile terminal in response to a service request ~~with the location information sent by the mobile terminal~~; and

a communication control unit configured to control communication between the mobile terminal and said service provider,

wherein said communication control unit converts a user identifier of the mobile terminal in the service request sent by the mobile terminal to a temporary identifier; stores communication control information including a service request identifier, a service provider name, the location information, the temporary identifier, and a parameter; and sends the service request information to said service provider, the service request information being the communication control information without the temporary identifier.

6. (Currently Amended) The service providing system according to claim 5,

further comprising:

a location information provider configured to provide the location information to the mobile terminal in response to a location information request sent by the mobile terminal through said communication control unit.

7. (Currently Amended) The service providing system according to claim 5,

wherein said communication control unit stores a correspondence table between the user identifier and the temporary identifier ~~communication control information consisting of a service request identifier, a service provider name, the location information, the temporary identifier and a parameter in response to the service request and the location information sent by the mobile terminal.~~

8. (Currently Amended) The service provided system according to claim 7,

wherein said communication control unit converts the user identifier to a different temporary identifier in another service request sent by the mobile terminal ~~sends service request information consisting of the service request identifier, the service provider name, the location identifier, and the parameter to said service provider.~~

9. (Currently Amended) The service providing system according to claim [[8]] 5,

wherein said service provider stores service request information including ~~consisting of~~ the service request identifier, a wireless gateway identifier of said communication control unit, the location information and the parameter in response to the service request information sent by said communication control unit.

10. (Currently Amended) The service providing system according to claim 9,

wherein said service provider creates service information by referring to the parameter, and sends service response information including ~~consisting of~~ the service request identifier, the location information and the service information to said communication control unit.

11. (Currently Amended) The service providing system according to claim 10,

wherein said communication control unit reconverts the temporary identifier corresponding to the service ~~request~~ response identifier in the service response information to the user identifier in response to the service response information sent by said service provider, and sends the service information to the mobile terminal of the user identifier.

12. (Currently Amended) The service providing system according to claim 5,

further comprising:

a location independent service provider configured to provide a service independent of [[the]] a location of the mobile terminal to the mobile terminal in response to a service request ~~information~~ sent by the mobile terminal through said communication control unit.

13. (Currently Amended) The service providing system according to claim 12,

wherein said communication control unit stores communication control information including ~~consisting of~~ the service request identifier, the service provider name, the temporary identifier, and the parameter in response to the service request ~~information~~ irrelevant of the location sent by the mobile terminal, and sends ~~the~~ service request information which is the same as the communication control information to said location independent service provider.

14. (Currently Amended) A service providing system, comprising:

a user identification service provider configured to provide a service requiring a user identification to a mobile terminal of the user;

a user non-identification service provider configured to provide a service not requiring a user identification to the mobile terminal; and

a communication control unit configured to control communication among the mobile terminal, said user identification service provider, and said user non-identification service provider,

wherein said communication control unit converts a user identifier of the mobile terminal in a service request ~~information~~ sent by the mobile terminal to a temporary identifier; stores communication control information including a service request identifier, a service provider name, the temporary identifier, and a parameter; and sends service request information to one of said user identification service provider and said user non-identification service provider based on a type of the service request, the service request information being the communication control information excluding the temporary identifier based on the type of the service request.

15. (Currently Amended) The service providing system according to claim 14,

wherein said communication control unit sends a user identification service request which is the same as the communication control information including the temporary identifier to said user identification service provider if the type of the service request is in response to a user identification service request ~~sent by the mobile terminal.~~

16. (Currently Amended) The service providing system according to claim 15,

wherein said communication control unit sends a user non-identification service request which is the communication control information without the temporary identifier to said user

non-identification service provider if the type of the service request is in response to a user non-identification service request ~~sent by the mobile terminal~~.

17. (Withdrawn) A mobile terminal, comprising:

a dynamic user profile memory configured to store a dynamic user profile representing information dynamically changed over time, the dynamic user profile including location information of the mobile terminal; and

a communication unit configured to send a service request with the dynamic user profile to a location dependent service provider, and to receive service information sent by the location dependent service provider, the service information depending on the location information in the dynamic user profile.

18. (Withdrawn) The mobile terminal according to claim 17, further comprising:

a location information acquirement unit configured to acquire location information of the mobile terminal, and to update the location information of the dynamic user profile stored in said dynamic user profile memory.

19. (Withdrawn) The mobile terminal according to claim 17,

wherein the dynamic user profile does not include a user identifier related to a user of the mobile terminal.

20. (Withdrawn) The mobile terminal according to claim 17, further comprising:

a static user profile memory configured to store a static user profile representing information not dynamically changed, the static user profile including a user identifier of the user of the mobile terminal.

21. (Withdrawn) The mobile terminal according to claim 20,

wherein said communication unit sends a service request with the static user profile to a location independent service provider, and receives service information sent by the location independent service provider, the service information being independent of the location of the mobile terminal.

22. (Withdrawn) The mobile terminal according to claim 21,

wherein said communication unit sends a service request with the dynamic user profile to a user non-identification service provider, and receives service information sent by the user non-identification service provider, the service information being unnecessary to identify the user.

23. (Withdrawn) The mobile terminal according to claim 22,

wherein said communication unit sends a service request with the static user profile to a user identification service provider, and receives service information sent by the user identification service provider, the service information being necessary to identify the user.

24. (Withdrawn) A computer-readable memory containing computer-readable instructions for a mobile terminal, comprising:

an instruction unit to store a dynamic user profile representing information dynamically changed by a time passage, the dynamic user profile including location information of the mobile terminal;

an instruction unit to send a service request with the dynamic user profile to an external server; and

an instruction unit to receive service information sent by the external server, the service information depending on the location of the mobile terminal.